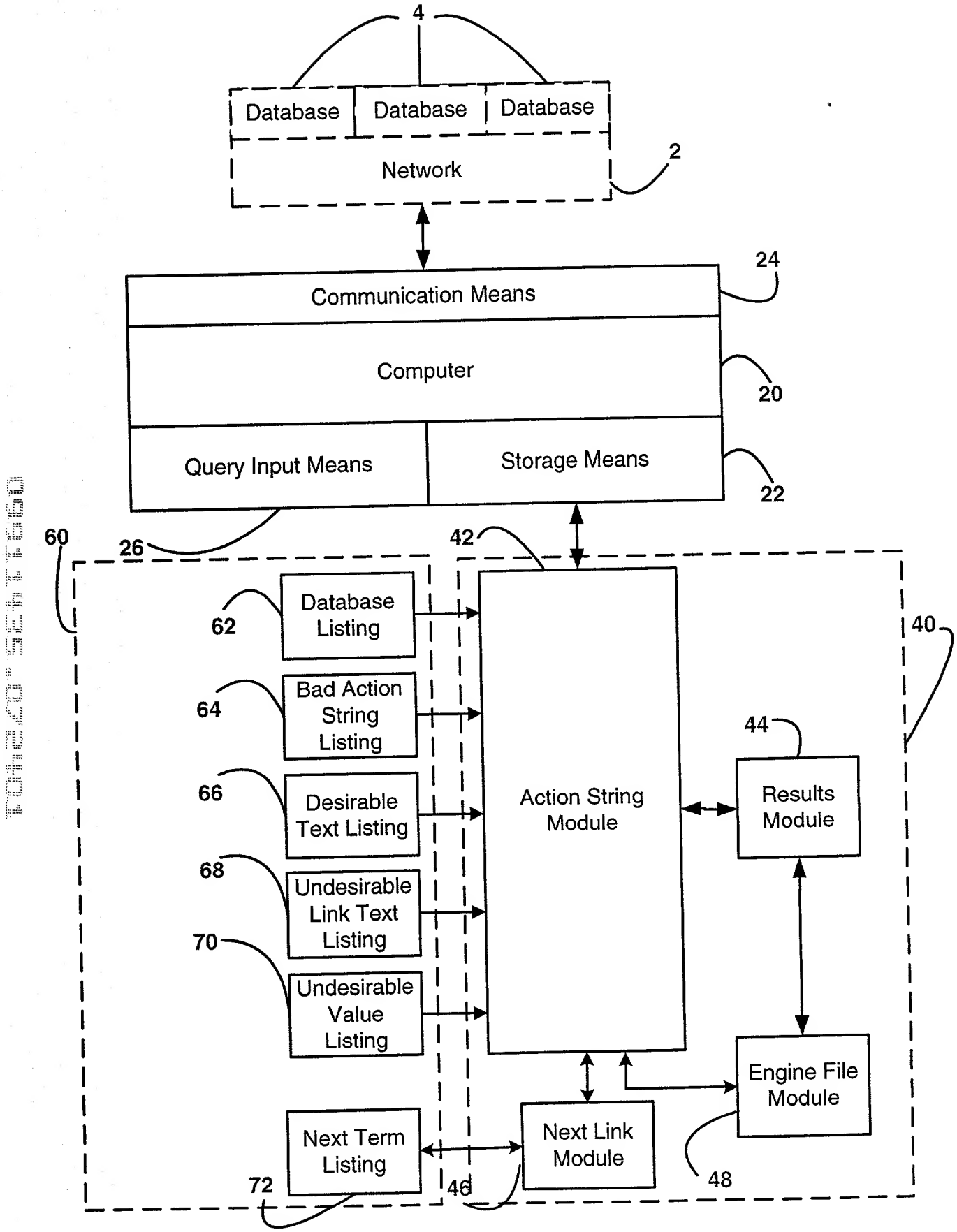
4
Database
Database
Database
Network
2
24
Communication Means
Computer
20
Query Input Means
Storage Means
22
60
26
42
40
62
Database Listing
64
Bad Action String Listing
66
Desirable Text Listing
68
Undesirable Link Text Listing
70
Undesirable Value Listing
Action String Module
44
Results Module
Engine File Module
Next Term Listing
Next Link Module
72
46
48

Figure 1

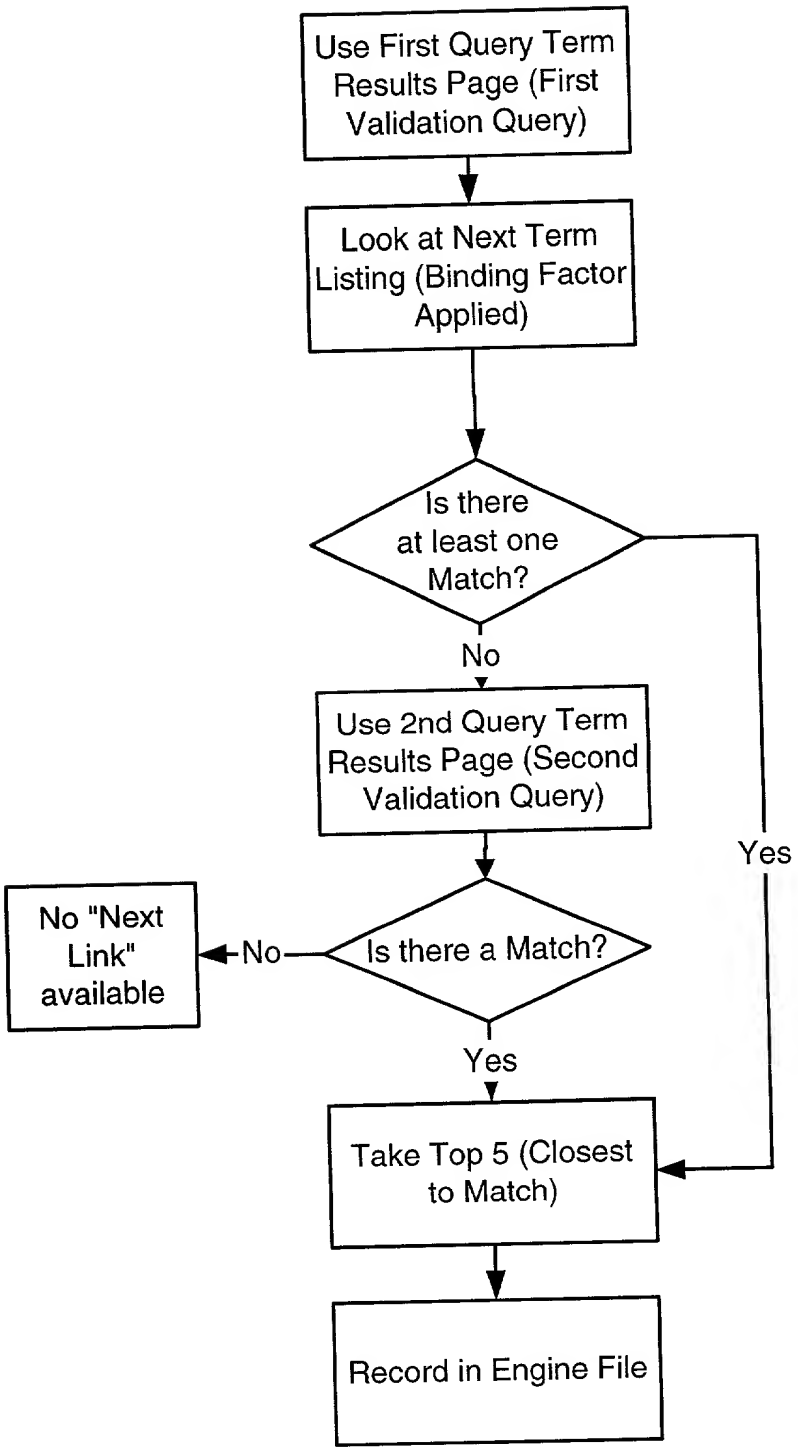
Use First Query Term Results Page (First Validation Query)
Look at Next Term Listing (Binding Factor Applied)
Is there at least one Match?
No
Yes
Use 2nd Query Term Results Page (Second Validation Query)
Is there a Match?
No
No "Next Link" available
Yes
Take Top 5 (Closest to Match)
Record in Engine File

Figure 2

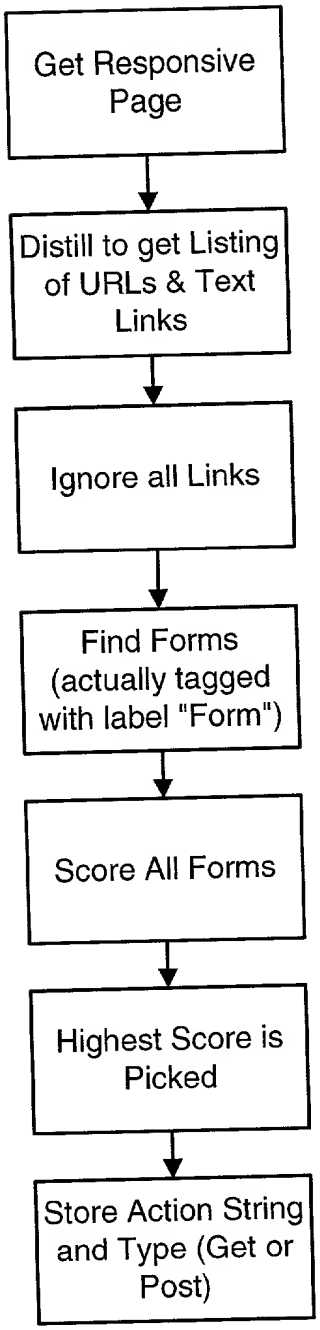
Get Responsive Page
Distill to get Listing of URLs & Text Links
Ignore all Links
Find Forms (actually tagged with label "Form")
Score All Forms
Highest Score is Picked
Store Action String and Type (Get or Post)

Figure 3

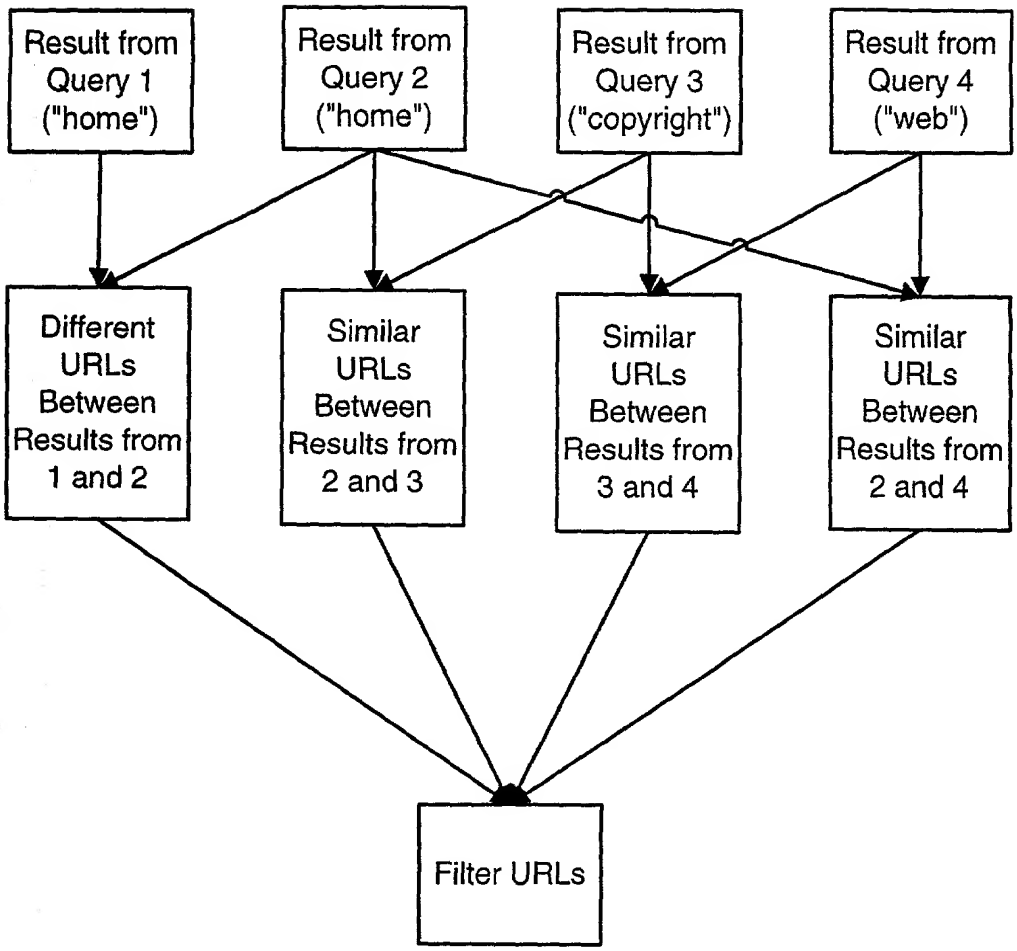
Result from Query 1 ("home")
Result from Query 2 ("home")
Result from Query 3 ("copyright")
Result from Query 4 ("web")
Different URLs Between Results from 1 and 2
Similar URLs Between Results from 2 and 3
Similar URLs Between Results from 3 and 4
Similar URLs Between Results from 2 and 4
Filter URLs

Figure 4